Yining Qin, PhD.

Yining Qin is an Energy Staff Scientist of Lawrence Livermore National Laboratory. Dr. Qin's research has focused on modeling and optimizing energy system such as low carbon power generation, renewable energy, smart grid, building energy efficiency, underground coal gasification and low carbon energy policies. His recent work involves leading the development of large scale transmission and distribution system simulation modeling and optimization, as well as providing modeling guild to building energy efficiency.

Dr. Qin has over 17 years of experience working in the energy field. Prior to joining LLNL, Dr. Qin has 13 years of experience working in the biggest electric power company in the world since1996. He had been an electric engineer, control system director, execute manager, project manager, senior energy analyst. From 2009 to 2011, He worked as a postdoctoral fellow for the Lawrence Berkeley National Laboratory.

Dr. Qin has a total of more than 30 refereed journal articles and books. He also owns two patents, two software copyrights and four national awards in the energy field.

Dr. Qin has a Ph.D and M.S. in electrical engineering from Dalian Unviersity of Technology, a B.A. in electrical engineering from the Northeast Institute of Electrical Power, all from the China.